

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant Named  
Inventor : Kevin I. Bertness

Appln. No. : 10/656,526

Filed : September 5, 2003

For : METHOD AND APPARATUS FOR  
MEASURING A PARAMETER OF A  
VEHICLE ELECTRICAL SYSTEM

Docket No.: C382.12-0163

Group Art Unit: 2858

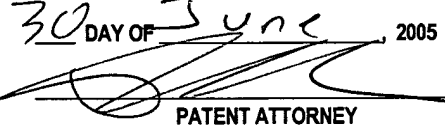
Examiner:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-2450, THIS

30 DAY OF June, 2005

  
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

**TIME OF FILING**

The information disclosure statement is being filed:

1. X with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
2. \_\_\_\_\_ after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. ☐ a statement as specified in 37 C.F.R. § 1.97(e).
  - B. ☐ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).
3. ☐ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
- A. a statement as specified in 37 C.F.R. § 1.97(e);
  - B. the petition fee set forth in 37 C.F.R. § 1.17(p).

**STATEMENT**

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

☐ that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

**METHOD OF PAYMENT**

  X   No fee is required.

       Attached is a Charge Authorization Form PTO 2038 in the amount of \$           .

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

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JKC:bjt

FORM PTO-1449	Atty. Docket No.: C382.12-0163	Appl. No.: 10/656,526
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	September 5, 2003	2858

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	5,369,364	11/1994	Renirie et al.	324	430	
AB	6,016,047	1/2000	Notten et al.	320	137	
AC	6,215,275	4/2001	Bean	320	106	
AD	6,449,726	9/2002	Smith	713	340	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AE	JP10232273	9/02/98	Japan			X (abstract)
AF	JP04095788	3/27/92	Japan			X (abstract)
AG	2 387 235 A	10/2003	Great Britain			X
AH	WO 00/16083	3/2000	WIPO			X
AI	WO 00/16614 A1	3/2001	WIPO			X
AJ	WO 00/16615 A1	3/2001	WIPO			X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	"Dynamic modelling of lead/acid batteries using impedance spectroscopy for parameter identification", Journal of Power Sources, pp. 69-84, (1997)
AL	"A review of impedance measurements for determination of the state-of-charge or state-of-health of secondary batteries", Journal of Power Sources, pp. 59-69, (1998)
AM	"Improved Impedance Spectroscopy Technique For Status Determination of Production Li/SO <sub>2</sub> Batteries" Terrill Atwater et al., pp.10-113, (1992)
AN	"Search Report Under Section 17" for Great Britain Application No. GB0421447.4. (1/28/05)
AO	"Results of Discrete Frequency Immittance Spectroscopy (DFIS) Measurements of Lead Acid Batteries", by K.S. Champlin et al., <u>Proceedings of 23<sup>rd</sup> International Teleco Conference (INTELEC)</u> , published October 2001, IEE, pgs. 433-440.
AP	"Examination Report" from the U.K. Patent Office for U.K. App. No. 0417678.0.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AQ	6,271,643	8/2001	Becker et al.	320	112	
AR	6,100,670	8/2000	Levesque, Chris	320	150	
AS	5,357,519	10/1994	Martin et al.	371	15.1	
AT	6,623,314	9/2003	Cox et al.	439	759	
AU	4,106,025	8/1978	Katz	343	715	
AV	5,903,154	5/1999	Zhang et al.	324	437	

## FOREIGN PATENT DOCUMENTS

	AW	Document No.	Date	Country	Class	Sub Class	Translation Yes No
	AX						
	AY						
	AZ						
	BA						
	BB						
	BC						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BD	
	BE	
	BF	
	BG	
	BH	
	BI	

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